CSC500

Module 1 Critical Thinking Assignment

GitHub Repository:

Part 1, Python code for adding and subtracting 2 numbers:

Pseudo code-

1. Get user input for 2 numbers as float to handle decimals
2. Add user input
3. Print addition result
4. Subtract user input
5. Print subtraction result

Actual code-

# Get user input as float to handle decimals  
number1 = float(input("Enter the first number: "))  
number2 = float(input("Enter the second number: "))  
  
# Add input  
result = number1 + number2  
  
# Print result  
print(number1, "plus", number2, "=", result)  
  
# Subtract input  
result = number1 - number2  
  
# Print result  
print(number1, "minus", number2, "=", result)

Screenshot of code executing-

A screenshot of a computer program

Description automatically generated

Part 2, Python code for adding and subtracting 2 numbers:

Pseudo code-

1. Get user input for 2 numbers as float to handle decimals
2. Multiply user input
3. Print multiply result
4. Divide user input
5. Print divide result

Actual code-

# Get user input as float to handle decimals  
number1 = float(input("Enter the first number: "))  
number2 = float(input("Enter the second number: "))  
  
# Multiply input  
result = number1 \* number2  
  
# Print result  
print(number1, "times", number2, "=", result)  
  
# Divide input  
result = number1 / number2  
  
# Print result  
print(number1, "divided by", number2, "=", result)

Screenshot of code executing-

A screenshot of a computer program

Description automatically generated